

NEWMAR CORPORATION WARRANTY DEPARTMENT

TECHNICAL SERVICE BULLETIN							
DATE ISSUED		MODEL YEAR(S) AFFECTED		MODEL(S) AFFECTED		TSB #	
3/21/08		2003 – 2007		KGDB, LADB		334	
BRAND						TYPE	
All	<input type="checkbox"/>	American Star	<input type="checkbox"/>	Mountain Aire	<input type="checkbox"/>	All	<input type="checkbox"/>
King Aire	<input checked="" type="checkbox"/>	Dutch Star	<input type="checkbox"/>	Kountry Aire	<input type="checkbox"/>	T T	<input type="checkbox"/>
		Kountry Star	<input type="checkbox"/>	Essex	<input type="checkbox"/>	F W	<input type="checkbox"/>
Scottsdale	<input type="checkbox"/>	Northern Star	<input type="checkbox"/>	London Aire	<input checked="" type="checkbox"/>	D P	<input type="checkbox"/>
						D B	<input checked="" type="checkbox"/>
<input type="checkbox"/> Air Conditioning & Heating				<input type="checkbox"/> Electrical Components			
<input type="checkbox"/> Appliances & Accessories				<input type="checkbox"/> Exterior Components			
<input type="checkbox"/> Cabinets & Furniture				<input type="checkbox"/> Interior Components			
<input checked="" type="checkbox"/> Chassis Components				<input type="checkbox"/> Plumbing & Bath Components			
<input type="checkbox"/> Construction Components				<input type="checkbox"/> Windows, Awnings, Vents, & Doors			
DESCRIPTION OF PROBLEM							
<p>Spartan TSB07-310-001 regarding potential fuel leaks at fuel fill caps on motorhomes equipped with K3 chassis and 200 gallon fuel tanks.</p>							
RECOMMENDED SOLUTION							
<p>Inspect for fuel leaks; replace fuel cap and fill assemblies per chassis manufacturers attached procedure. Read the procedure completely before performing any diagnosis or repairs. Contact Spartan Motors if you have any questions regarding this TSB.</p>							



SPARTAN CHASSIS, INC.

TSB07-310-001

January, 2008

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TECHNICAL SERVICE BULLETIN

SUBJECT: Fuel System – Fuel Tank Vent

APPLIES TO: Certain Spartan K3 Chassis Models equipped with a 200 gallon fuel tank and having a VDM (Vehicle Date of Manufacture) of August 1, 2003 through June 4, 2007.

CONDITION: Fuel leaking at fill caps

PLEASE READ THE ENTIRE BULLETIN BEFORE PROCEEDING WITH ANY WORK. CONTACT SPARTAN CHASSIS IF THERE ARE ANY CONCERNS WITH THE PROCEDURES CONTAINED IN THIS DOCUMENT

PART / SERVICE INFORMATION:

Labor Time: 4.0 Hrs.

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
1	S-1848-001	Kit- Fuel Tank Vent W/O Caps
1	S-1848-002	Kit- Fuel Tank Vent & Caps

Kit #S-1848-001 Contains:

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
5 ft.	0184-HH3-004	Hose-Vent
1	2989-1	Vent-Hi Flow GT Development
1	3504	Hose Clamp
1	0716-MM5-J10	Reducing Bushing 12-8
As needed	81801 or equivalent	Pipe Sealant w/Teflon
1	TSB07-310-001	Document Instructions

Technical Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service to vehicles of product specific nature in conjunction with industry standards. Professional Technicians are appropriately trained on industry standards and have the tools and equipment to perform procedures safely and properly.



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TECHNICAL SERVICE BULLETIN

Kit #S-1848-002 Contains:

<u>QTY.</u>	<u>Part Number</u>	<u>Description</u>
5 ft.	0184-HH3-004	Hose-Vent
1	2989-1	Vent-Hi Flow GT Development
1	3504	Hose Clamp
1	0716-MM5-J10	Reducing Bushing 12-8
2	0591-HH1-001	Fuel Fill Cap
As needed	81801 or equivalent	Pipe Sealant w/Teflon
1	TSB07-310-001	Document Instructions

STEP-BY-STEP INSTRUCTIONS:

1. Observe all industry safety standards, disconnect any necessary power source and secure vehicle for replacing of the Fuel Tank Vent.
2. Drain fuel from fuel tank into an approved container. Retain fuel for reuse.
3. Disconnect fuel fill necks. Retain fuel fill necks for reuse.
4. Disconnect fuel fill vent hoses from fill necks at body. Retain clamps and vent hoses for reuse.
5. Lower fuel tank out from bottom of chassis.
6. Refer to FIG. 3-1. Disconnect rubber vent hose from roll over vent in top of fuel tank. Discard hose and clamp properly.

7. Remove the roll over vent from top of fuel tank and discard vent properly.

NOTE: Apply 81801 pipe sealer w/Teflon or equivalent to pipe threads only.

8. Install the 3/4-1/2 NPT reducing bushing into the port previously occupied by the roll over vent.

NOTE: Apply 81801 pipe sealer w/Teflon or equivalent to pipe threads only.

9. Install the new roll over vent into the reducing bushing, tighten as needed.
10. Attach the new vent hose to the new roll over vent. Using new clamp secure hose and tighten clamp as needed.
11. Refer to FIG. 3-1. Reroute the new vent hose so it now routes off the end of fuel tank. Secure as needed.

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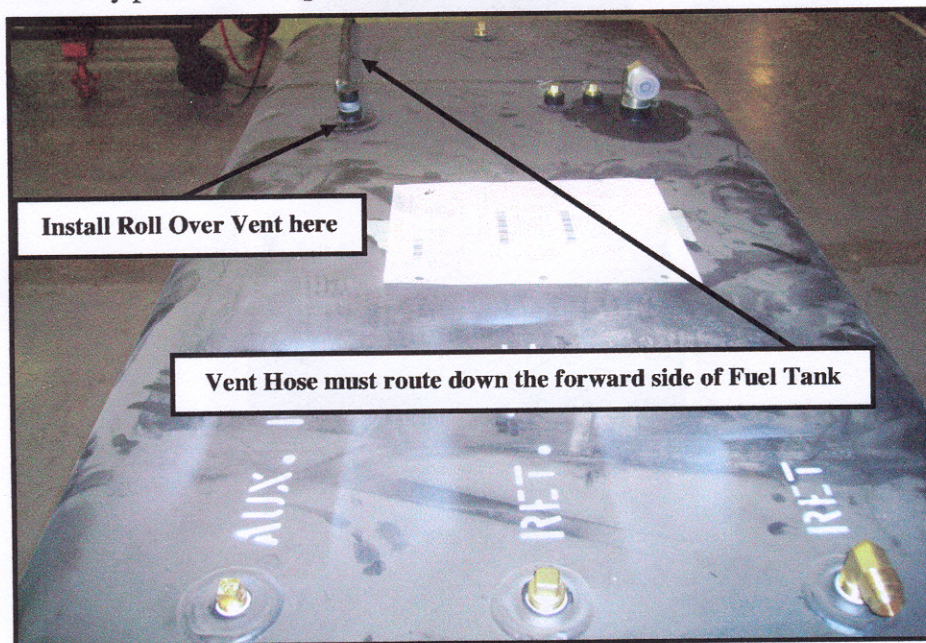
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TECHNICAL SERVICE BULLETIN

12. Raise the fuel tank back up into chassis and secure as needed.

NOTE: Apply 81801 pipe sealer w/Teflon or equivalent to pipe threads only.

13. Reconnect fuel fill necks.
14. Reconnect fuel fill vent hoses to fuel fill necks at body ensuring there are no dips, humps, kinks or loops between the fuel tank and body. Reusing clamps retained from step 4.
15. Refill the fuel tank checking for any fuel leaks.
16. Reconnect any power source previously disconnected.
- NOTE: If using Kit S-1848-002 continue with the remaining steps**
17. Remove both fuel fill caps and properly dispose of caps.
18. Install and secure new fuel fill caps from kit.
19. Reconnect any power source previously disconnected.



FUEL TANK
FIG. 3-1

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